



amended sequence listing  
SEQUENCE LISTING

<110> Ma, D.  
Han, W.  
Zhang, Y.  
Song, Q.  
Di, C.  
Huang, J.  
Tang, J.  
Chen, G.

<120> CHEMOKINE LIKE FACTORS (CKLF) WITH CHEMOTACTIC AND HEMATOPOIETIC STIMULATING ACTIVITIES

<130> 10776-003-999

<140> PCT/CN00/00026

<141> 2000-02-15

<150> CN99107284.7

<151> 1999-05-14

<160> 13

<170> PatentIn version 3.1

<210> 1

<211> 534

<212> DNA

<213> Homo sapiens

<400> 1

gttcccaatc tgaagtgaag ccgagctggg cgagaagtag gggagggcgg tgctccgccc 60

cgggtggcggt tgctatcgct tcgcagaacc tactcaggca gccagctgag aagagtttag 120

ggaaagtgcgt gctgctgggt ctgcagacgc gatggataac gtgcagccga aaataaaaca 180

tcgccccttc tgcttcagtg tgaaggcca cgtgaagatg ctgcggctgg atattatcaa 240

ctcactggta acaacagtat tcatgctcat cgtatctgtt ttggcactga taccagaaac 300

cacaacattt acagttgggtt gagggtgtt tgcacttgc acagcagtat gctgtcttgc 360

cgacggggcc cttatattacc ggaagcttct gttcaatccc agcggccctt accagaaaaaa 420

gcctgtgcat gaaaaaaaaa aagttttgtt attttatatt acttttttagt ttgataactaa 480

gtattaaaca tatttctgtt ttcttccaaa aaaaaaaaaa aaaaaaaaaa aaaa 534

<210> 2

<211> 99

<212> PRT

<213> Homo sapiens

<400> 2

Met Asp Asn Val Gln Pro Lys Ile Lys His Arg Pro Phe Cys Phe Ser  
1 5 10 15

amended sequence listing  
Val Lys Gly His Val Lys Met Leu Arg Leu Asp Ile Ile Asn Ser Leu  
20 25 30

Val Thr Thr Val Phe Met Leu Ile Val Ser Val Leu Ala Leu Ile Pro  
35 40 45

Glu Thr Thr Thr Leu Thr Val Gly Gly Gly Val Phe Ala Leu Val Thr  
50 55 60

Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile Tyr Arg Lys Leu Leu  
65 70 75 80

Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro Val His Glu Lys Lys  
85 90 95

Glu Val Leu

<210> 3  
<211> 459  
<212> DNA  
<213> Homo sapiens

<400> 3  
atggataacg tgcagccgaa aataaaacat cgcccttct gcttcagtgt gaaaggccac 60  
gtgaagatgc tgcggctggc actaactgtg acatctatga cctttttat catcgacaa 120  
gcccctgaac catatattgt tatcaactgga tttgaagtca ccgttatctt atttttcata 180  
cttttatatg tactcagact tgatcgatta atgaagtggt tattttggcc tttgcttcat 240  
attatcaact cactggtaac aacagtattc atgctcatcg tatctgtgtt ggcactgata 300  
ccagaaacca caacattgac agttggtgaa ggggtgtttg cacttgtgac agcagtatgc 360  
tgtcttgcgg acggggccct tatttaccgg aagcttctgt tcaatcccag cggtccttac 420  
cagaaaaagc ctgtgcattga aaaaaaaagaa gttttgtaa 459

<210> 4  
<211> 152  
<212> PRT  
<213> Homo sapiens

<400> 4  
Met Asp Asn Val Gln Pro Lys Ile Lys His Arg Pro Phe Cys Phe Ser  
1 5 10 15

Val Lys Gly His Val Lys Met Leu Arg Leu Ala Leu Thr Val Thr Ser  
20 25 30

Met Thr Phe Phe Ile Ile Ala Gln Ala Pro Glu Pro Tyr Ile Val Ile  
Page 2

35

amended sequence listing  
40 45

Thr Gly Phe Glu Val Thr Val Ile Leu Phe Phe Ile Leu Leu Tyr Val  
50 55 60

Leu Arg Leu Asp Arg Leu Met Lys Trp Leu Phe Trp Pro Leu Leu Asp  
65 70 75 80

Ile Ile Asn Ser Leu Val Thr Thr Val Phe Met Leu Ile Val Ser Val  
85 90 95

Leu Ala Leu Ile Pro Glu Thr Thr Leu Thr Val Gly Gly Val  
100 105 110

Phe Ala Leu Val Thr Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile  
115 120 125

Tyr Arg Lys Leu Leu Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro  
130 135 140

Val His Glu Lys Lys Glu Val Leu  
145 150

<210> 5  
<211> 204

<212> DNA  
<213> Homo sapiens

<400> 5  
atggataacg tgcagccgaa aataaaacat cgccccttct gcttcagtgt gaaaggccac 60  
gtgaagatgc tgcggctgg tttgcactt gtgcacagcag tatgctgtct tgccgacggg 120  
gcccttattt accggaagct tctgttcaat cccagcggtc cttaccagaa aaagcctgtg 180  
catgaaaaaa aagaagttt gtaa 204

<210> 6  
<211> 67  
<212> PRT  
<213> Homo sapiens

<400> 6  
Met Asp Asn Val Gln Pro Lys Ile Lys His Arg Pro Phe Cys Phe Ser  
1 5 10 15

Val Lys Gly His Val Lys Met Leu Arg Leu Val Phe Ala Leu Val Thr  
20 25 30

Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile Tyr Arg Lys Leu Leu  
35 40 45

amended sequence listing

Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro Val His Glu Lys Lys  
50 55 60

Glu Val Leu  
65

<210> 7  
<211> 363  
<212> DNA  
<213> Homo sapiens

<400> 7  
atggataacg tgcagccgaa aataaaacat cgcccttct gcttcagtgt gaaaggccac 60  
gtgaagatgc tgcggctggc actaactgtg acatctatga cctttttat catgcacaa 120  
gcccctgaac catatattgt tatcactgga tttgaagtca ccgttatctt attttcata 180  
cttttatatg tactcagact tgatcgatta atgaagtgtt tattttggcc tttgcttgc 240  
tttgacttg tgacagcagt atgctgtctt gccgacgggg cccttattta ccggaagctt 300  
ctgttcaatc ccagcggtcc ttaccagaaa aagcctgtgc atgaaaaaaaaa agaagtttg 360  
taa 363

<210> 8  
<211> 120  
<212> PRT  
<213> Homo sapiens

<400> 8

Met Asp Asn Val Gln Pro Lys Ile Lys His Arg Pro Phe Cys Phe Ser  
1 5 10 15

Val Lys Gly His Val Lys Met Leu Arg Leu Ala Leu Thr Val Thr Ser  
20 25 30

Met Thr Phe Phe Ile Ile Ala Gln Ala Pro Glu Pro Tyr Ile Val Ile  
35 40 45

Thr Gly Phe Glu Val Thr Val Ile Leu Phe Phe Ile Leu Leu Tyr Val  
50 55 60

Leu Arg Leu Asp Arg Leu Met Lys Trp Leu Phe Trp Pro Leu Leu Val  
65 70 75 80

Phe Ala Leu Val Thr Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile  
85 90 95

Tyr Arg Lys Leu Leu Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro  
Page 4

100

amended sequence listing  
105 110

Val His Glu Lys Lys Glu Val Leu  
115 120

<210> 9  
<211> 23  
<212> DNA  
<213> Artificial

<220>  
<223> primer

<400> 9  
atggataacg tgcagccgaa aat

23

<210> 10  
<211> 30  
<212> DNA  
<213> Artificial

<220>  
<223> primer

<400> 10  
ccgctcgagt tacaaaacctt ctttttttc

30

<210> 11  
<211> 23  
<212> DNA  
<213> Artificial

<220>  
<223> primer

<400> 11  
ctgataccag aaaccacaac att

23

<210> 12  
<211> 27  
<212> DNA  
<213> Artificial

<220>  
<223> primer

<400> 12  
ggaagaatac agaaaatatgt ttaatac

27

<210> 13  
<211> 29  
<212> DNA  
<213> Artificial

<220>  
<223> primer

<400> 13

amended sequence listing

cgggatccaa aacttcttt,ttttcatgc

29